

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number
WO 2005/080713 A1

(51) International Patent Classification⁷: **E05B 1/00**,
3/00, 3/02, 3/04

(21) International Application Number:
PCT/AU2005/000152

(22) International Filing Date: 8 February 2005 (08.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2004900899 24 February 2004 (24.02.2004) AU

(71) Applicant (for all designated States except US): **ASSA
ABLOY AUSTRALIA PTY LIMITED** [AU/AU]; 50 Ed-
ward Street, Oakleigh, Victoria 3166 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **NEWMAN, Donald,
John** [AU/AU]; 18 Tyalla Court, Hampton Park, Victoria
3976 (AU). **WATSON, Robert, John** [AU/AU]; 3/376 Al-
bert Street, East Melbourne, Victoria 3002 (AU).

(74) Agent: **CULLEN & CO.**; Level 26, 239 George Street,
Brisbane, Queensland 4000 (AU).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

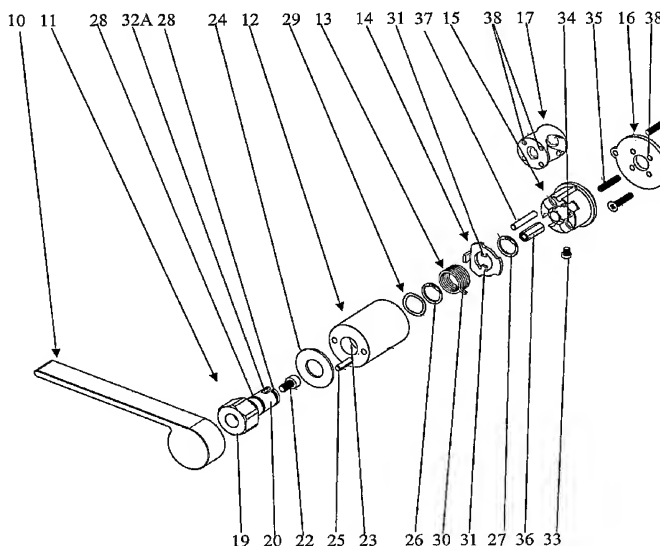
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: LEVER HANDLE DOOR FURNITURE



(57) Abstract: A handle assembly comprises a handle (10), a handle spigot (11) to which the handle is attached, biasing means (13) to bias the handle (10) to a closed position, an operating plate (14) which is rotatable by the handle spigot (11), a mounting stock (15), and a housing (12), the spigot (11), biasing means (13), operating plate (14) and a majority of the mounting stock being positioned within the housing (12), the mounting stock (15) being securable to the housing (12) to hold all said the components within the housing (12). In this manner, the handle assembly can be made as a "complete" unit with all the internal components being in position and with the handle (10) being rotatably attached relative to the housing (12). Thus, no separate rose is required. Another advantage is that the unit can be assembled using a substantially concealed fixing arrangement to improve security and also to improve the aesthetic appeal of the assembly.

WO 2005/080713 A1



— with amended claims

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.